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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/775,882

02/02/2001

Babak Rezvani

CT/003

3959

1473 7590 03/17/2008

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PATENT DOCKETING 39/361
1211 AVENUE OF THE AMERICAS
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EXAMINER

ISMAIL, SHAWKI SAIIF

ART UNIT

PAPER NUMBER

2155

MAIL DATE

DELIVERY MODE

03/17/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/775,882	Applicant(s) REZVANI ET AL.	
	Examiner SHAWKI S. ISMAIL	Art Unit 2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 December 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 10, 11, 14-19, 23, 24, 27-32, 36, 37, 39-46, 48, 49 and 51 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 10, 11, 14-19, 23, 24, 27-32, 36, 37, 39-46, 48, 49 and 51 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

RESPONSE TO AMENDMENT

1. This communication is responsive to the amendment received on December 07, 2007.

Claims 1, 10, 11, 14, 23, 24, 27, 29, 33, 36, 37, 41, 45 and 46 have been amended.

Claims 7-9, 12, 13, 20-22, 25, 26, 33-35, 38, 47, and 50 have been cancelled.

Claims 1-6, 10-11, 14-19, 23-24, 27-32, 36-37, 39-45, 48-49, and 51 are pending.

The New Grounds of Rejection

2. Applicant's amendment and arguments received on December 07, 2007 have been fully considered, however they are deemed to be moot in view of the new grounds of rejection.

Claim Rejections - 35 USC §103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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4. Claims 1-6, 10-11, 14-19, 23-24, 27-32, 36-37, and 39-45 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Emens et al. (Emens)**, U.S. Patent No. **6,591,279** in view of **Serbinis et al., (Serbinis)** U.S. Patent No. **6,584,466 Davis et al. (Davis)**, U.S. Patent No. **7,010,144**

5. As to claim 1, Emens teaches a method for providing remote access to captured content, comprising:

locally capturing content for an event using a capture device (claim2, the digital image provides a visual record of the real world event);

automatically transmitting the content from the capture device to a remote computer over a communications network (col. 1, line 64 - col. 2, line 2);

automatically associating the content with a user account (col. 4, lines 27-28);

Emens teaches transmitting a notification message to one or more of the client computers and the notification message includes a digital image of the real world event.

However, Emens does not explicitly indicate automatically publishing the content on a remote computer, wherein the remote computer comprises a database comprising locally captured content associated with user accounts and publishing the content comprises updating the database with the content; automatically transmitting a textual notification from the remote computer to a user associated with the user account in response to publishing the content, wherein the notification indicates that the published content has been published

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on the remote computer; and allowing the user to access the published content on the remote computer with a user access device.

Serbinis teaches apparatus and methods for managing electronic documents over open networks, such as the Internet, to permit users to store, retrieve, and collaboratively manipulate files. When an Originator has created an electronic document and uploaded that document to the DMS system; authorized users having access to the document may receive a notification that the document is available to be retrieved. The notification may contain instructions on how the document may be retrieved from the DMS system. The notification messages are digital and may take the form of an alphanumeric message, digital sound, digital image or other digital forms. DMS system 17 therefore preferably supports several types of notification transports including e-mail, fax, voice messaging and pager (col. 18, lines 31-42).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to incorporate the teaching of Serbinis into the system of Emens in order to ensure widespread content availability. Content availability is the cornerstone to any content providing network, thus with the addition of the publication of the desired content, many authorized users can access the published content from various locations on demand.

Emens also does not teach encapsulating the content with metadata, wherein the metadata includes information about the capture device, the content, the event, and user information; processing the metadata encapsulating the content at the remote computer

Davis teaches associating data with image in imaging systems through the use of metadata (refer to abstract, col. 3, lines 6-20 and col. 2, lines 42-59).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine Emens, serbinis and Davis to encapsulate the content with metadata. Metadata enable computerized searches for multimedia information to be done more quickly due to the generally smaller size of meta-descriptors, as well as well as an effective way to manage images over the internet.

6. As to claim 2, Emens teaches the method defined in claim 1 wherein capturing content comprises capturing content without persistently storing the content (col. 5, lines 4-12, After the sensor is triggered the system notifies the user and publishes the image to the server without constantly storing the image to an internal database.)

7. As to claim 3, Emens teaches the method defined in claim 1 wherein:

publishing the content further comprises automatically publishing the content to a plurality of user accounts on the remote computer (col. 2, lines 47-58, the content would be available to the user via the internet); and

providing the content further comprises providing the content to user access devices of users associated with the plurality of user accounts (col. 3, lines 1-9, the user content would be available to the user at any time using the web browser.)

8. As to claim 4, Emens teaches the method defined in claim 1 wherein:

the method further comprises detecting the event with a sensor; and

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locally capturing content comprises automatically capturing the content in response to the detection of the event by the sensor. (col. 5, lines 15-31)

9. As to claim 5, Emens teaches the method defined in claim 4 wherein the sensor is a motion sensor, a contact sensor, a smoke sensor, a humidity sensor, a water emersion sensor, a radon sensor, a temperature sensor, an audio sensor, a carbon monoxide sensor, an infrared sensor, or a radiation sensor (col. 5, lines 26-31, the event triggered can be sound, light, or any other physical activity that can be detected by a sensor.)

10. As to claim 6, Emens teaches the method defined in claim 1 wherein the capture device is a video camera, a still camera, a microphone, or a temperature gauge (col. 5, lines 15-25, there may be video cameras or digital still cameras.)

11. As to claim 14, Emens teaches A system for providing remote access to captured content comprising:

a capture device configured to locally capture content (claim 2, the digital image provides a visual record of the real world event);

a remote computer configured to automatically associate the content with a user account and automatically publish the content (col. 4, lines 27-28 and col. 3, lines 1-9, the content would be associated with a user account and made available at any time using the web browser) wherein the remote computer comprises a database comprising locally captured content associated with user accounts and publishing the content comprises updating the database with the content (col. 2, lines 47-58, the e-mail server comprises an e-mail database for storing user's e-mail including the locally captured content and the database is

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updated any time a new e-mail comes in for example from the image capturing device);;

a monitoring module configured to automatically provide the content to the remote computer from the capture device over a communications network (col. 4, lines 39-49, proxy component 110);

Emens teaches transmitting a notification message to one or more of the client computers and the notification message includes a digital image of the real world event.

However, Emens does not explicitly indicate wherein the remote computer further configured to automatically transmit a textual notification to a user associated with the user account in response to publishing the content, wherein the notification indicates that the published content has been published on the remote computer; and allowing the user to access the published content on the remote computer with a user access device.

Serbinis teaches apparatus and methods for managing electronic documents over open networks, such as the Internet, to permit users to store, retrieve, and collaboratively manipulate files. When an Originator has created an electronic document and uploaded that document to the DMS system; authorized users having access to the document may receive a notification that the document is available to be retrieved. The notification may contain instructions on how the document may be retrieved from the DMS system. The notification messages are digital and may take the form of an alphanumeric message, digital sound, digital image or other digital forms. DMS system 17 therefore preferably

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supports several types of notification transports including e-mail, fax, voice messaging and pager (col. 18, lines 31-42).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to incorporate the teaching of Serbinis into the system of Emens in order to ensure widespread content availability. Content availability is the cornerstone to any content providing network, thus with the addition of the publication of the desired content, many authorized users can access the published content from various locations on demand.

12. As to claim 15, Emens teaches the system defined in claim 14 wherein the capture device captures content without persistently storing the content (col. 5, lines 4-12, After the sensor is triggered the system notifies the user and publishes the image to the server without constantly storing the image to an internal database.)

13. As to claim 16, Emens teaches the system defined in claim 14 wherein:

the remote computer is further configured to automatically publish content to a plurality of user accounts on the remote computer (col. 2, lines 47-58, the content would be available to the user via the internet); and

the user access device is further configured to provide content to users associated with the plurality of user accounts (col. 3, lines 1-9, the user content would be available to the user at any time using the web browser.)

14. As to claim 17, Emens teaches the system defined in claim 14 wherein:

the system further comprises a sensor configured to detect an event; and

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the capture device is further configured to locally capture the content in response to the detection of the event by the sensor (col. 5, lines 15-31).

15. As to claim 18, Emens teaches the system defined in claim 17 wherein the sensor is a motion sensor, a contact sensor, a smoke sensor, a humidity sensor, a water emersion sensor, a radon sensor, a temperature sensor, an audio sensor, a carbon monoxide sensor, an infrared sensor, or a radiation sensor (col. 5, lines 26-31, the event triggered can be sound, light, or any other physical activity that can be detected by a sensor.)

16. As to claim 19, Emens teaches the system defined in claim 14 wherein the capture device is a video camera, a still camera, a microphone, or a temperature gauge (col. 5, lines 15-25, there may be video cameras or digital still cameras.)

17. As to claims 27-32, 36-37, 39-45 do not further teach or define anything beyond the claims above, therefore; they are rejected for similar reasons.

18. Claims 46-49 and 51 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Emens et al. (Emens)**, U.S. Patent No. **6,591,279 in view of Serbinis et al., (Serbinis)** U.S. Patent No. **6,584,466** further in view of **Major et al. (Major)**, U.S. Patent No. **7,209,955** and in further view of **Davis et al. (Davis)**, U.S. Patent No. **7,010,144**

19. As to claim 46, Emens in view of Serbinis teaches the system as described above. Emens in view of Serbinis do teach wherein the user is able define notification profiles (sensor conditions and associated actions) however, they do not explicitly indicated determining at the remote computer a type of notification from

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a plurality of notifications types based on the event type and communicating from the remote computer a notification to a user using the determined types of notification.

Major teaches a notification system and method for a mobile data communication device is provided. A client based software program operates at the mobile communication device to manage and execute, user-selectable notification schemes ("notification module") in response to data items transmitted to the mobile device from a host system via a communications network. The user configures the notification module to execute certain audible, visual and/or tactile notifications (plurality of notification types) in response to certain types of messages (event types) being received at the mobile device (see abstract).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to incorporate the teaching of Major into the invention of Emens in view of Serbinis in order to allow the user to specify the preferred notification method. This will allow the user to select the notification medium that best suite them and one that they will have access to the fastest.

Emens also does not teach encapsulating the content with metadata, wherein the metadata includes information about the capture device, the content, the event, and user information; processing the metadata encapsulating the content at the remote computer

Davis teaches associating data with image in imaging systems through the use of metadata (refer to abstract, col. 3, lines 6-20 and col. 2, lines 42-59).

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It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine Emens, Serbinis, Major and Davis to encapsulate the content with metadata. Metadata enable computerized searches for multimedia information to be done more quickly due to the generally smaller size of meta-descriptors, as well as well as an effective way to manage images over the internet.

20. With regards to claims 10-12, 23-24, 36-37, and 44 (refer to Davis, abstract, col. 3, lines 6-20 and col. 2, lines 42-59).

21. Examiner Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

Response to Arguments

22. Applicants' arguments filed on December 07, 2007 have been fully considered however they are deemed to be moot in view of the new grounds of rejection.

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Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shawki S Ismail whose telephone number is 571-272-3985. The examiner can normally be reached on M-F 8:30 - 5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached at 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shawki Ismail
Patent Examiner
March 1, 2008

/saleh najjar/

Supervisory Patent Examiner, Art Unit 2155